

U.S. Department of
Commerce
Patent and Trademark Office

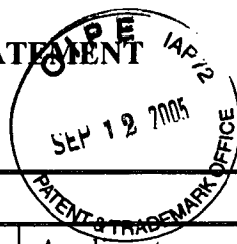
Atty. Docket:
0492611-0506

10674159 - GAU-1635
In re Application No.
10/674,159

(REV. 8-83)

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)



Applicant: Chen, et al.

Filing Date: September
29, 2003

Group: 1635

U.S. PATENT DOCUMENTS

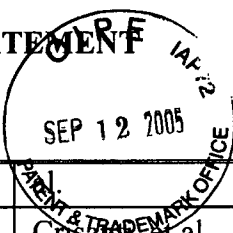
| Examiner's Initials | U.S. Patent No. | Applicant | Issue Date | Class | Subclass |
|------------------------|-----------------|-----------------|---------------|-------|----------|
| | 5,580,767 | Cowsert, et al. | Dec. 3, 1996. | 435 | 172.3 |
| | 5,637,573 | Agrawal, et al. | Jun. 10, 1997 | 514 | 44 |
| | 6,107,094 | Crooke, et al. | Aug. 22, 2000 | 435 | 455 |
| | 6,117,657 | Usman, et al. | Sep. 12, 2000 | 435 | 91.31 |
| | 6,495,675 | Takaku, et al. | Dec. 17, 2002 | 536 | 24.5 |
| | 6,506,559 | Fire, et al. | Jan. 14, 2003 | 435 | 6 |
| | 6,544,958 | Wong, et al. | Apr. 8, 2003 | 514 | 44 |
| | 6,573,099 | Graham, et al. | Jun. 3, 2003 | 435 | 455 |

U.S. PATENT APPLICATIONS

| Examiner's Initials: | Serial Number: | Applicant: | Filing Date: | Group: | Art Unit: |
|-------------------------|----------------|---------------------------|---------------|--------|-----------|
| | 2002/0086356 | Tuschl, et al. | Jul. 4, 2002 | 435 | 69.1 |
| | 2002/0132346 | Cibelli, et al. | Sep. 19, 2002 | 435 | 455 |
| | 2002/0132788 | Lewis, et al. | Sep. 19, 2002 | 514 | 44 |
| | 2002/0162126 | Beach, et al. | Oct. 31, 2002 | 800 | 8 |
| | 2002/0173478 | Gewirtz, et al. | Nov. 21, 2002 | 514 | 44 |
| | 2003/0027783 | Zernicka-Goetz, et al. | Feb. 6, 2003 | 514 | 44 |
| | 2003/0049835 | Helliwell, et al. | Mar. 13, 2003 | 435 | 320.1 |
| | 2003/0051263 | Fire, et al. | Mar. 13, 2003 | 800 | 13 |
| | 2003/0055020 | Fire, et al. | Mar. 20, 2003 | 514 | 44 |
| | 2003/0056235 | Fire, et al. | Mar. 20, 2003 | 800 | 8 |
| | 2003/0068821 | Lois-Caballe, et al. | Apr. 10, 2003 | 435 | 456 |
| | 2003/0074684 | Graham, et al. | Apr. 17, 2003 | 800 | 278 |
| | 2003/0092180 | Lewis, et al. | May 15, 2003 | 435 | 455 |
| | 2003/0104401 | Lin, et al. | Jun. 5, 2003 | 435 | 6 |
| | 2003/0108923 | Tuschl, et al. | Jun. 12, 2003 | 435 | 6 |
| | 2003/0124513 | McSwiggen, et | Jul. 3, 2003 | 435 | 5 |

(REV. 8-83)

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**
(Use several sheets if necessary)



Applicant: Chen, et al.

Filing Date: September 29, 2003

Group: 1635

| | | | | | |
|--|--------------|------------------|---------------|-----|-----|
| | | | | | |
| | 2003/0125239 | Crisanti, et al. | Jul. 3, 2003 | 514 | 7 |
| | 2003/0125281 | Lewis, et al. | Jul. 3, 2003 | 514 | 44 |
| | 2003/0139363 | Kay, et al. | Jul. 24, 2003 | 514 | 44 |
| | 2003/0143587 | Dean, et al. | Jul. 31, 2003 | 435 | 6 |
| | 2003/0144232 | Agami, et al. | Jul. 31, 2003 | 514 | 44 |
| | 2003/0148519 | Engelke, et al. | Aug. 7, 2003 | 435 | 455 |
| | 2003/0150017 | Mesa, et al. | Aug. 7, 2003 | 800 | 279 |
| | 2003/0175965 | Lowe, et al. | Sep. 18, 2003 | 435 | 455 |
| | 2004/0167087 | Aigner, et al. | Aug. 26, 2004 | 514 | 44 |
| | 2005/0074757 | Kreutzer, et al. | Apr. 7, 2005 | 435 | 6 |
| | 2005/0100907 | Kreutzer, et al. | May. 12, 2005 | 435 | 6 |

FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Document No. | Country | Date | Translation | |
|------------------------|--------------|---------------|--------------|-------------|----|
| | | | | Yes | No |
| | EP 1144623 | Europe | 28, 8, 2002 | | |
| | WO 00/63364 | International | 28, 10, 2000 | | |
| | WO 03/070918 | International | 28, 8, 2003 | | |
| | WO 03/074654 | International | 12, 9, 2003 | | |

OTHER DOCUMENTS

| Examiner's Initials | Citation (Including Author, Title, Date, Pertinent Pages, Etc.) |
|------------------------|--|
| | Abe, et al., "Antisense Therapy Of Influenza" European Journal Of Pharmaceutical Sciences 13: 61-69, 2001. |
| | Bitko, et al., "Phenotypic Silencing Of Cytoplasmic Genes Using Sequence-Specific Double-Stranded Short Interfering RNA And Its Application In The Reverse Genetics Of Wild Type Negative-Strand RNA Viruses" BMC Microbiol 1: 34, 2001. |
| | de Semir, et al., "Non-Viral Vector-Mediated Uptake, Distribution , And Stability Of Chimeraplasts In Human Airway Epithelial Cells." The Journal Of Gene Medicine 4: 308-322, 2002. |
| | Gautam, et al., "Enhanced Gene Expression In Mouse Lung After PEI-DNA Aerosol Delivery" Molecular Therapy 2(1): 2000. |
| | Gitlin, et al., "Short Interfering RNA Confers Intracellular Antiviral Immunity In Human |

| | | | | | | | |
|---|---|---|------------|---------------------------------|----------------|--|--|
| Receipt date: 09/12/2005 Form PTO-1449 (REV. 8-83) SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | U.S. Department of Commerce Patent and Trademark Office | | Atty. Docket: 0492611-0506 | | 10674159 - GAU-1635 In re Application No. 10/674,159 | |
| | | | | Applicant: Chen, et al. | | | |
| | | | | Filing Date: September 29, 2003 | | Group: 1635 | |
| | Cells" <i>Nature</i> 418 : 430-434, 2002. | | | | | | |
| | Hatta, et al., "Inhibition Of Influenza Virus RNA Polymerase And Nucleoprotein Gene Expression By Unmodified, Phosphorothioated, And Liposomally Encapsulated Oligonucleotides" 223 : 341-346, 1996. | | | | | | |
| | Hojoh, et al., "RNA Interference RNAi Induction With Various Types Of Synthetic Oligonucleotide Duplexes In Cultured Human Cells" <i>FEBS Letters</i> 521 : 195-199, 2002. | | | | | | |
| | Massaro, et al., "Noninvasive Delivery Of Small Inhibitory RNA And Other Reagents To Pulmonary Alveoli In Mice" <i>Am J Physiol Lung Cell Mol Physiol</i> 287 : L1066-L1070, 2004. | | | | | | |
| | Tsapis, et al., "Trojan Particles: Large Porous Carriers Of Nanoparticless For Drug Delivery" <i>Proc. Natl. Acad. Sci.</i> 99(19) : 12001-12005, 2002. | | | | | | |
| | Zhang, et al., "Inhibition Of Respiratory Syncytial Virus Infection With Intranasal siRNA Nanoparticles Targeting The Viral NS1 Gene" <i>Nature Medicine</i> 11(1) : 2005. | | | | | | |
| | Zhang, et al., "Small Interfering RNA Targeting Heme Oxygenase-1 Enhances Ischemia-Reperfusion-Induced Lung Apoptosis" <i>The Journal of Biological Chemistry</i> 279(11) : 10677-10684, 2004. | | | | | | |
| EXAMINER | DATE CONSIDERED | | 11/20/2008 | | /Sean McGarry/ | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |